

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
8460 Watson Road St. Louis, Missouri 63119 (314) 849-1313

3.600 St. Louis County  
West Lake SLF

September 1, 1982

Mr. William J. McCullough, President  
West Lake Landfill, Inc.  
13570 St. Charles Rock Road  
Bridgeton, Missouri 63044

Dear Mr. McCullough:

An inspection was made of the condition and operation of the West Lake, Inc. sanitary and demolition landfills on August 27, 1982. The recommendations contained in this report are based on the findings made at the time of the investigation. I trust that you will direct your attention to these findings and that you will proceed to carry out the recommendations presented.

FINDINGS:

1. Overall operations and site conditions were satisfactory at this time.
2. More attention should be placed on maintaining the clay liner along the vertical rock faces of the pit.
3. Final grading/contouring work continues over previous landfill sectors.

DISCUSSION:

The daily operations at the old permitted demolition area and the sanitary landfill expansion into the quarry pit as described in state permit #118909 were observed to be in conformance with approved plans and procedures. The operator is encouraged to continue these efforts.

Likewise the leachate and decomposition gas collection and treatment systems were checked and found to be operating in an acceptable manner. On the day of inspection, the pump from the main leachate collection well was undergoing on-the-spot mechanical repairs, and was expected to be placed back on-line in a matter of hours to restore the 24-hour automatic pumping cycle.

Although the required clay liner is being installed along the vertical rock faces of the quarry pit ahead of the filling operation, the dozer encroached into it while working a refuse lift during the inspection. Every effort should be made to maintain the integrity of the specified 8-foot wide compacted buffer, at least 3 feet above the elevation of the current lift at all times. Also, records substantiating the liner construction are required to be kept as a permit condition.

0714  
Site: West Lake LDF  
ID: 48D07990093  
State: IL 2  
Date: 9-1-82

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WASTE  
MANAGEMENT PROGRAM

Christopher S. Bond Go  
Fred A. Latser Director  
St. Louis Regional Office

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SUPERFUND RECORDS

DNR 0079

3.600 St Louis County  
West Lak LF  
September 1, 1982  
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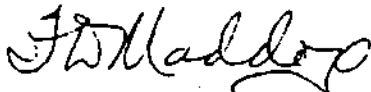
Final contouring work continues around the perimeter of past landfill areas. Those areas which have been graded-off appear much improved. However, much more work lies ahead before all slopes are stabilized, all remaining voids are brought to final elevation, and vegetation is established throughout. As part of this overall effort, the operator advised that a contractor will be hired in the near future to install an improved storm sewer along the site boundary paralleling St. Charles Rock Road.

RECOMMENDATIONS:

1. Continue the good daily operations.
2. Maintain the required clay liner, and supporting documentation of installation, along the vertical quarry face.
3. Continue final contouring/surface drainage improvements at all previous landfill areas.

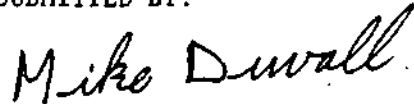
Should you have any questions concerning this report, please contact Mike Duvall of the St. Louis Regional Office.

APPROVED:



F. Donald Maddox, P.E.  
Regional Administrator  
St. Louis Regional Office

SUBMITTED BY:



Mike Duvall  
Chief - Waste Management  
St. Louis Regional Office

FDM/MD/bkl

Enclosure

CC: Reitz & Jens Engineers  
City of Bridgeton  
St. Louis County Department of Community Health and  
Medical Care  
✓ Central Office - Waste Management Program